

COMPLETE LISTING OF CLAIMS
IN ASCENDING ORDER WITH STATUS INDICATOR

Claim 1 (currently amended): A waveform producing method comprising the steps of:
receiving a tone generation instruction that instructs generation of a tone;
receiving style-of-rendition identification information identifying a style of rendition to
be used in a musical performance and corresponding to a waveform to be produced;
generating a packet stream in accordance with the style-of-rendition identification
information received by said step of receiving, the packet stream including a series of packets, each
of the packets including vector identification information and time information indicative of timing
that depends on timing of the tone generation instruction of information for producing and/or
controlling a waveform; and
reading out, from a storage device, vector data on the basis of the vector identification
information included in individual ones of the packets and then sequentially producing a waveform
in accordance with the time information included in the individual packets and on the basis of the
packet stream generated by said step of generating read-out vector data.

Claim 2 (currently amended): A waveform producing method as claimed in claim 1 wherein
~~said packet stream includes a plurality of packets and time information of individual ones of the~~
~~packets, and said step of producing a waveform includes a step of arranging the individual packets~~
~~on a time axis on the basis of the time information.~~

Claim 3 (currently amended): A waveform producing method as claimed in claim 1 wherein
~~said packet stream includes a plurality of packets and time information of individual ones of the~~
~~packets, and said step of producing a waveform includes a step of adjusting the time information and~~
~~a step of arranging the packets on a time axis on the basis of the time information adjusted by said~~
~~step of adjusting.~~

Claim 4 (original): A waveform producing method as claimed in claim 3 wherein said step of adjusting the time information adjusts the time information forward or backward by a predetermined amount.

Claim 5 (original): A waveform producing method as claimed in claim 3 wherein said step of adjusting the time information adjusts the time information forward or backward by a predetermined amount on the basis of a random number.

Claim 6 (currently amended): A waveform producing method as claimed in claim 1 wherein said packet stream ~~comprises~~ includes data for controlling a pitch of a waveform to be produced.

Claim 7 (currently amended): A waveform producing method as claimed in claim 1 wherein said packet stream ~~comprises~~ includes data for controlling an amplitude of a waveform to be produced.

Claim 8 (currently amended): A waveform producing method as claimed in claim 1 wherein said packet stream ~~comprises~~ includes data for controlling a shape of a waveform to be produced.

Claim 9 (currently amended): A waveform producing apparatus comprising:
means for receiving a tone generation instruction that instructs generation of a tone;
means for receiving style-of-rendition identification information identifying a style of rendition to be used in a musical performance and corresponding to a waveform to be produced;
means for generating a packet stream in accordance with the style-of-rendition identification information received by said means for receiving, the packet stream including a series of packets, each of the packets including vector identification information and time information indicative of timing that depends on timing of the tone generation instruction ~~of information for producing and/or controlling a waveform;~~ and
means for reading out, from a storage device, vector data on the basis of the vector identification information included in individual ones of the packets and then sequentially producing a waveform in accordance with the time information included in the individual packets and on the basis of the packet stream generated by said means for generating read-out vector data.

Claim 10 (currently amended): A waveform producing apparatus comprising:
a first input device adapted to input a tone generation instruction that instructs a generation of a tone;

~~an~~ a second input device adapted to input, into said waveform producing apparatus, style-of-rendition identification information identifying a style of rendition to be used in a musical performance and corresponding to a waveform to be produced; and

a processor coupled with said first input device and said second input device and adapted to:

generate a packet stream in accordance with the style-of-rendition identification information inputted via said second input device, the packet stream including a series of packets, each of the packets including vector identification information and time information indicative of timing that depends on timing of the tone generation instruction inputted via said first input device ~~of information for producing and/or controlling a waveform;~~ and

read out, from a storage device, vector data on the basis of the vector identification information included in individual ones of the packets and then sequentially produce a waveform in accordance with the time information included in the individual packets and on the basis of the ~~generated packet stream~~ read-out vector data.

Claim 11 (currently amended): A machine-readable storage medium containing a group of instructions to cause said machine to implement a waveform producing method, said waveform producing method comprising the steps of:

receiving a tone generation instruction that instructs generation of a tone;

receiving style-of-rendition identification information identifying a style of rendition to be used in a musical performance and corresponding to a waveform to be produced;

generating a packet stream in accordance with the style-of-rendition identification information received by said step of receiving, the packet stream including a series of packets, each of the packets including vector identification information and time information indicative of timing that depends on timing of the tone generation instruction of information for producing and/or controlling a waveform; and

reading out, from a storage device, vector data on the basis of the vector identification information included in individual ones of the packets and then sequentially producing a waveform in accordance with the time information included in the individual packets and on the basis of the packet stream generated by said step of generating read-out vector data.

Claim 12 (currently amended): A waveform producing method comprising the steps of:

receiving a packet stream including a plurality of packets, each packet of the packets including time information of the packet and vector identification information corresponding to the packet and identifying vector data for generating a waveform representative of a style of rendition to be used in a musical performance corresponding to the packet;

reading out, from a storage device storing a plurality of vector data, vector data corresponding to the vector identification information of individual ones of the packets;

arranging, on a time axis, the read-out vector data in accordance with the time information and the vector identification information of each packet included in the received packet stream of the individual packets; and

producing a waveform on the basis of the vector data arranged on the time axis.

Claim 13 (currently amended): A waveform producing apparatus comprising:

means for supplying a packet stream including a plurality of packets, each packet of the packets including time information of the packet and vector identification information corresponding to the packet and identifying vector data for generating a waveform representative of a style of rendition to be used in a musical performance ~~corresponding to the packet~~;

means for reading out, from a storage device storing a plurality of vector data, vector data corresponding to the vector identification information of individual one of the packets;

means for arranging, on a time axis, the read-out vector data in accordance with the time information ~~and the vector identification information of each packet included in the received packet stream~~ of the individual packets; and

means for producing a waveform on the basis of the vector data arranged on the time axis.

Claim 14 (currently amended): A waveform producing apparatus comprising:

a processor adapted to:

receive a packet stream including a plurality of packets, each packet of the packets including time information of the packet and vector identification information corresponding to the packet and identifying vector data for generating a waveform representative of a style of rendition to be used in a musical performance ~~corresponding to the packet~~;

read out, from a storage device storing a plurality of vector data, vector data corresponding to the vector identification information of individual one of the packets;

arrange, on a time axis, the read-out vector data in accordance with the time information ~~and the vector identification information of each packet included in the received packet stream~~ of the individual packets; and

produce a waveform on the basis of the vector data arranged on the time axis.

Claim 15 (currently amended): A machine-readable storage medium containing a group of instructions to cause said machine to implement a waveform producing method, said waveform producing method comprising the steps of:

receiving a packet stream including a plurality of packets, each packet of the packets including time information of the packet and vector identification information corresponding to the packet and identifying vector data for generating a waveform representative of a style of rendition to be used in a musical performance ~~corresponding to the packet~~;

reading out, from a storage device storing a plurality of vector data, vector data corresponding to the vector identification information of individual one of the packets;

arranging, on a time axis, the read-out vector data in accordance with the time information ~~and the vector identification information of each packet included in the received packet stream~~ of the individual packets; and

producing a waveform on the basis of the vector data arranged on the time axis.

Claim 16 (previously presented): A waveform producing method as claimed in claim 1, wherein said style-of-rendition identification information represents a style of rendition used in a given portion of the musical performance.

Claim 17 (previously presented): A waveform producing method as claimed in claim 1, wherein said receiving step further receives a style-of-rendition parameter corresponding to the style-of-rendition identification information, said generating step generates the packet stream in accordance with the style-of-rendition identification information and style-of-rendition parameter and the waveform produced by said producing step has a waveform characteristic corresponding to the style-of-rendition parameter.

Claim 18 (previously presented): A waveform producing method as claimed in claim 1 wherein the packet stream is generated from each harmonic component and each non-harmonic component.